

AMENDMENTS TO THE CLAIMS

1 (Currently amended). A method for detecting target objects using a radar device, comprising:

arranging at least three transmitting and receiving devices for radar beams such that their beam fields form a detection area of the radar device;

successively activating and deactivating the at least three transmitting and receiving devices such that at least two but not all of the at least three adjacent transmitting and receiving devices are operated simultaneously; and

evaluating echo signals from the transmitting and receiving devices using monopulse-radar.

2. (previously presented). The method as claimed in claim 1, wherein a pair of adjacent transmitting and receiving devices are activated simultaneously.

3. (previously presented). The method as claimed in claim 1, wherein at least one of the deactivated transmitting and receiving devices is reactivated for activation of the at least three transmitting and receiving devices.

5. (previously presented). The method as claimed in claim 1, wherein the echo signals from the transmitting and receiving devices are evaluated individually on the basis of range, speed and intensity.

4. (previously presented). The method as claimed in claim 3, wherein the position angle of the target object relative to the radar device is determined by comparison of beam intensities of the at least three transmitting and receiving devices.